Multipurpose High school in Chickmagalur

16. Sri M. L. VASUDEVA MURTHY (Nominated).—

Will the Minister for Education be pleased to state :—

(*a*) when the High School in Chickmagalur was converted into Multipurpose High School and the aims of such a High School ;

(*b*) whether any crafts are taught there, and if so, which are those crafts ;

(*c*) whether what is taught there is sufficient to make the trainee proficient ;

(*d*) the equipments and aids required for teaching crafts, and whether all of them have been provided in this High School ;

(*e*) whether they are being made use of in this High School ?

Sri K. V. SHANKARA GOWDA (Minister for Education).—

(*a*) Conversion was effected during 1956-57 in order to provide varied types of diversified courses for students with diverse aims, interests and abilities.

(*b*) Yes. Carpentry, Tailoring and training for Fitters.

(*c*) The aim is to givie vocational bias and not to make trainees fully proficient.

(*d*) Yes.

(*e*) Yes.

Requirement of Fire Wood and Charcoal by Mysore Iron and Steel Works, Bhadravathi

18 Sri M. L. VASUDEVA MURTHY (Nominated).—

Will the Minister for Industries, Information and Publicity be pleased to state :—

(*a*) the total quantity of firewood and charcoal required by the Mysore Iron and Steel Ltd., Bhadravati annually;

(*b*) the price of each item mentioned in (*a*) ;

(*c*) whether it will not be economical to substitute these with coke and lignite ;

(*d*) whether these have been tried in the Factory ; if so, the result ?

Sri M. RAJASEKHARA MURTHY (Minister for Industries, Information and Publicity).—

(*a*) (i) Firewood 9,000 tonnes p. a.

(ii) Charocal 46,666 tonnes p. a.

(*b*) (i) Firewood Rs. 36.72 per tonne.

(ii) Charocal Rs. 176.70 per tonne on the basis of current tendered rates.

(*c*) Coke is being used in the Electric Pig Iron Furnaces. Lignite cannot be used in the Electric Pig Iron Furnaces, Ferro alloy furnaces on Technical and economic grounds. Coke also cannot be used on similar grounds in Ferro alloy Furnaces.

Replacement of firewood either by lignite or coke for use in Boilers, Drying Ovens, etc., is not economical and further, coke or lignite cannot be used in all the places where firewood is used due to technological reasons.

(*d*) Coke has been used in Blast Furnace replacing charcoal to an extent of 50 per cent. Higher proportion of coke, over and above 50 per cent leads to furnace troubles bringing down the production and is, therefore, not economical. Further, as the Blast Furnace is designed for charcoal, use of coke in higher proportion would be disastrous even leading to the shut-down of the furnace. Lignite has been tried in the Electric Pig Iron Furnaces and the sulphur content of the Pig Iron goes up rendering the same unsuitable for the manufacture of Alloy Steels. Secondly, the furnace cannot be run at full load, which will result in bringing down the production. Operation troubles also accrue due to less penetration of electrodes as lignite has less resistance at higher temperatures.

Stage Carriage Permits

20. Sri G. V. ANJANAPPA (Graduates' Constituency).—

Will the Minister for Transport be pleased to state:—

(*a*) the number of stage carriage permits granted by the R. T. A., Chitradurga since one year (the names of the applicants with the routes, the mileage be furnished);

(*b*) the grounds on which the permits are granted?

Sri MOHAMED ALI (Minister for Transport).—

(*a*) Seven permits have been granted during the period from June 1968 to the end of July 1969. The particulars of the applicants, etc., are furnished in the statement appended.